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No.: CQC-C1101-2018

Detailed rules for implementation of compulsory product certification - Motor vehicles

强制性产品认证实施细则

（汽车）

(English translation)

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Foreword

The Rules is prepared based on the *Implementation rules for compulsory product certification - Motor vehicles* (CNCA-C11-01:2014) and the related general implementation rules such as the *Implementation rules for compulsory product certification - Classification, management, certification modes selection and determination for production enterprises* (CNCA-00C-003), the *Implementation rules for compulsory product certification - Utilization of testing resources and other certification results of production enterprises* (CNCA-00C-004), the *Implementation rules for compulsory product certification - Requirements for factory's quality assurance capacity* (CNCA-00C-005), and the *Implementation rules for compulsory product certification - General requirements for factory inspection* (CNCA-00C-006). It is issued by the China Quality Certification Center with copyright reserved by the China Quality Certification Center. Any organization or individual may not use it in whole or in part in any form without the permission of the China Quality Certification Center.

In June 2016, in response to the requirements of CNCA Announcement No.38 [2015], and combined with the relevant opinions of the Nation on the free trade pilot zones and pilot parallel import of motor vehicles, the Rules was revised as follows: 1. Annex 6 - "Certification management requirements for parallel-import motor vehicles" was added; 2. According to the formulation and revision of standards, the port sampling testing and inspection standards in Appendix 1 to Annex 4 were revised.

In June 2017, in order to implement the *Announcement of the CNCA on adjusting the compulsory certification standards for motor vehicle products* (CNCA Announcement No.13 [2017]), the Rules was revised as follows: Standards for electric vehicles and traditional vehicles were added and revised.

In September 2017, considering the applicability of the standard and the requirements of relevant announcements and technical resolutions, the Rules was revised as follows: 1. Due to the abolishment of JB 8716-1998 *Truck crane and wheel crane - Safety code*, the content on JB 8716-1998 in "06 Special devices and functions of special purpose vehicles" of "Annex 1 Type test items and standards" to the Rules was revised; 2. The requirements of "06-19 Test items for emission from upper structure" of "Annex 1 Type test items and standards" to the Rules were revised to: The exhaust pollutants from upper structure engine shall meet the requirements of GB 20891-2014 *Limits and measurement methods for exhaust pollutants from diesel engines of non-road mobile machinery (CHINA III, IV)* (the applicant is allowed to provide evidence that the upper structure engine can meet the emission requirements of GB 2891, such as a report that can prove that emissions are not lower than the indicators of GB 20891), and the requirement that the average dust concentration at the outlet of the dust collection system of pure suction and suction sweepers shall not be greater than 60mg/m^3 was canceled; 3. The requirements of "03-08 Prohibited substances" of "Annex 1 Type test items and standards" to the Rules were

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revised to: The prohibited substances on Categories M1 and N1 motor vehicles shall meet the requirements of GB/T 30512-2014 *Requirements for prohibited substances on automobiles*; 4. The requirements of “02-24 Flammability of interior materials” of “Annex 1 Type test items and standards” to the Rules were revised to: The interior materials for motor vehicles shall meet the requirements of GB 8410-2006 *Flammability of automotive interior materials* and the requirements for interior materials and sound and heat insulation materials of 11.7 in GB 7258-2017 *Technical specifications for safety of power-driven vehicles operating on roads*; 5. The requirements of “05-04-02 Performance of anti-lock braking system (ABS)” of “Annex 1 Type test items and standards” to the Rules were revised; 6. Part of “Appendix 1 Test items” to Annex 4 to the Rules was revised; 7. Part of “Appendix 2 Test items and standards” to Annex 7 to the Rules was revised.

In January 2018, according to the requirements of the Technical Resolution TC11-2017-02 made by the TC11 Technical Expert Group, the Rules was revised as follows: Due to the revision of a batch of mandatory standards such as GB 7258-2017 *Technical specifications for safety of power-driven vehicles operating on roads*, “Annex 1 Type test items and standards” was revised; “Appendix 1 Test items” to “Annex 4 Production conformity inspection requirements for non-mass-produced retrofitted vehicles and special purpose vehicles” was revised; “Appendix 2 Type test items and standards” to “Annex 7 Single vehicle certification management requirements” was revised.

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1 Introduction

The *Detailed rules for implementation of compulsory product certification - Motor vehicles* (hereinafter referred to as “the Rules”) is compiled according to the requirements of the *Implementation rules for compulsory product certification - Motor vehicles* (CNCA-C11-01:2014) (hereinafter referred to as “the Implementation rules for products”). The Rules is used in conjunction with the Implementation rules for products as a supporting document. Based on the principles of maintaining the validity of product certification, improving product quality, serving certified companies and controlling certification risks, the Rules is formulated and published according to the Implementation rules for products, the *Implementation rules for compulsory product certification - Classification, management, certification modes selection and determination for production enterprises* (CNCA-00C-003), the *Implementation rules for compulsory product certification - Utilization of testing resources and other certification results of production enterprises* (CNCA-00C-004), the *Implementation rules for compulsory product certification - Requirements for factory’s quality assurance capacity* (CNCA-00C-005), the *Implementation rules for compulsory product certification - General requirements for factory inspection* (CNCA-00C-006), and the quality manuals, procedure documents, work instructions and other relevant requirements of the China Quality Certification Center (hereinafter referred to as “CQC”).

The product scope and certification basis to which the Rules is applicable are consistent with those of the Implementation rules for products, and are adjusted according to the notices like catalog definition and catalog adjustment issued by the Certification and Accreditation Administration of the People's Republic of China (hereinafter referred to as the “CNCA”).

2 Terms and definitions

The terms and definitions related to motor vehicle products shall be applied according to Clause 2 of the Implementation rules for products; the terms and definitions related to certification shall be applied according to the *Provisions on the management of compulsory product certification* and the implementation rules.

3 Certification standards

The standards used for certification shall be in accordance with “Annex 1 Type test items and standards” hereto.

In principle, the standards used for certification and testing shall be the latest editions issued by the national competent administrative department of standardization. Any addition of new applicable standards, where necessary, shall be subject to the announcement issued by the CNCA on the requirements of relevant applicable standards. Any use of other editions of the standards, where necessary, shall be subject to the technical resolution by the Automotive and Parts Technical Expert Group (TC11) of CNCA.

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The manufacturers shall also consciously implement and meet the requirements of laws, regulations and relevant standards on safety, environmental protection, energy saving and theft prevention of motor vehicle products promulgated by the Nation that are not (or partly not) included herein.

4 Principle of production enterprise classification

CQC classifies the production enterprises according to the *Implementation rules for compulsory product certification - Classification, management, certification modes selection and determination for production enterprises* (CNCA-00C-003) by collecting and sorting out all kinds of quality information related to certified products and their production enterprises. The applicant, producer (manufacturer) and production enterprise shall cooperate with CQC.

CQC classifies the production enterprises into four types, i.e., A, B, C and D respectively.

The quality information based on which the production enterprises are classified covers the following aspects at least:

(1) Conclusion of factory inspection, including initial factory inspection and post-certification follow-up inspection;

(2) Results of type test and supervision sampling testing (production site sampling or market sampling);

(3) Results of national or provincial quality supervision and random inspection, and conclusion of CCC special supervision and inspection;

(4) Cooperation condition on post-certification supervision of the applicant, producer (manufacturer) and production enterprise;

(5) Media exposure and quality information feedback from product users and the public;

(6) Quality condition of certified products;

(7) Product complaints, recalls, etc.;

(8) Other information.

See Table 1 for the principle of production enterprise classification.

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Table 1 Principle of production enterprise classification

Type	Classification principle
A	The results of quality assurance capacity inspection and product consistency inspection for two consecutive years are qualified without serious nonconformities; there is no unqualified item in the product type test and COP test/inspection; the quality supervision and random inspection results of all kinds of products at national and provincial levels are all "qualified" (including all kinds of special inspections organized by AQSIQ); the producers (manufacturers) or production enterprises shall have good independent design capabilities; the producers (manufacturers) or production enterprises shall have certain testing capabilities, including tests or related testings required for product consistency control, which, according to different types of vehicles, shall at least include items such as collision, emission, fuel consumption, protection of the occupants of the cab of a commercial vehicle, front underrun protection for a commercial vehicle, and strength for the superstructure of bus, and the laboratory meets or equivalently meets the technical capability requirements of Clause 5 in GB/T 27025 (ISO/IEC 17025); there are no serious quality problems in the quality information feedback from governments at all levels, media, product users and the public; there are no quality complaints and/or incidents that adversely affect the society; there is no other bad information related to the quality of production enterprises and certified products.
B	Production enterprises other than those of Types A, C and D.
C	The results of quality assurance capacity inspection and product consistency inspection for two years are qualified (with serious nonconformities); there is unqualified item (e.g., safety, environmental protection, energy saving, etc.) which does not involve the main performance of the product in the product type test and COP test/inspection; there is problem in the product quality for which the enterprise shall be responsible but which will not cause the certificate to be suspended or revoked; CQC adjusts a production enterprise to Type C based on the results of comprehensive assessment on the quality information of this production enterprise and its certified product.
D	The results of national or provincial supervision and random inspection (including all kinds of special inspections organized by AQSIQ) show that the products are unqualified; the factory inspection fails; there is a major quality complaint that has been confirmed as the cause of the production enterprise or producer (manufacturer), and the certificate can be directly suspended or revoked; the production enterprise refuses to accept CQC's inspection and/or supervision sampling without justifiable reasons; the certificate is suspended or revoked due to its failing to meet other compulsory product certification requirements; CQC adjusts a production enterprise to Type D based on the results of comprehensive assessment on the quality information of this production enterprise and its certified product.

CQC will determine the classification results (types) of production enterprises according to the above classification principles based on all kinds of quality information collected in real time and inform relevant enterprises.

For the production enterprises without quality information that entrusts for certification for the first time, the production enterprise classification result (type) is Type B. The production enterprise classification results (types) must be arranged in an order of upgrading (D-C-B-A) or of degrading (A-B-C-D).

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S.N.	Item		Standard	Application scope							Description
				M1	M2	M3	N1	N2	N3	O	
		Mass parameters	4.4.1 in GB 7258-2017	-	-	-	-	-	√	-	Applicable to special purpose vehicles

Note: Besides testing, conduct inspection on operating instructions and user's operation/maintenance manual in Chinese language.

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